

UMP THESIS MANAGEMENT SYSTEM

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ABSTRACT

University Malaysia Pahang Online Thesis Management Systems (UMPthesis) is a web management system that uses as thesis management that functioning as storing data, read thesis, marking the thesis, comment on thesis, and so on. The idea to build the system by using web management systems is because nowadays internet has widely used and already become a lifestyle. Besides, UMP has wide coverage of internet where all campus area has internet coverage so students and lecturer can online the systems anywhere, anytime in the campus with free of charges. In order to build the system, the plan is by using Software Development Life Cycles (SDLC). SDLC has five stages that are planning, analysis, design, implementation and maintenance. The system use PHP and html language. As medium to store data, MySQL will be used. As a result, the systems will work nicely and will help staff to organize thesis and easier for students to make references.

ABSTRAK

Universiti Malaysia Pahang Tesis Online Management Systems (UMPthesis) adalah sebuah aplikasi web dan berfungsi sebagai simpanan data, membaca tesis, menandakan tesis, mengomentari tesis, dan seterusnya. Sistem ini dibina dengan menggunakan sistem pengurusan web kerana saat ini internet telah banyak digunakan dan sudah menjadi gaya hidup. Selain itu, UMP mempunyai liputan internet dimana semua kawasan kampus mempunyai liputan internet sehingga mahasiswa dan pensyarah dapat online sistem dimana sahaja, dan percuma. Dalam rangka membangun sistem, rencana tersebut adalah dengan menggunakan Software Development Life Cycles (SDLC). SDLC mempunyai lima tahap iaitu: perancangan, analisis, design, pelaksanaan dan penyelenggaraan. Penggunaan sistem PHP dan Bahasa html. Sebagai sarana untuk menyimpan data, MySQL akan digunakan. Akibatnya, sistem akan bekerja dengan baik dan akan membantu kakitangan untuk menetapkan tesis dan lebih mudah bagi pelajar untuk membuat rujukan.

TABLE OF CONTENT

CHAPTER	TITLE	PAGE
	TITLE PAGE	
	SUPERVISOR'S DECLARATION	
	STUDENT'S DECLARATION	
	DEDICATION	
	ACKNOWLEDGEMENT	
	ABSTRACT	
	ABSTRAK	
	TABLE OF CONTENT	
	LIST OF TABLES	
	LIST OF FIGURES	
	LIST OF APPENDICES	
1	INTRODUCTION	1 - 4
	1.1 Introduction	1
	1.2 Problem Statement	2
	1.3 Objective	2
	1.4 Project Scope	3
	1.5 Thesis Organization	4

2	LITERATURE REVIEW	5 - 31
2.1	Introduction	5
2.2	Existing System	6
2.2.1	Malaysia Thesis Online System (MYTO)	7 – 9
2.2.2	Canada Thesis	10 - 17
2.2.3	Mahatma Gandhi University Online Thesis Library (MGUHEISIS)	18 – 21
2.3	Technique	22 - 24
2.3.1	Eight Golden Rules & Heuristic in interface design	22 - 24
2.3.1.1	Advantages and disadvantages of using applying technique	25
2.4	Methodology	26 - 28
2.5	Tools	29 - 30
2.5.1	Microsoft Expression Web	29
2.5.2	XAMPP	30
2.5.3	MYSQL	30
2.5.4	Hypertext Preprocessor (PHP)	30
3	METHODOLOGY	31 - 38
3.1	Introduction	31
3.2	System Development Methodology	32 - 37
3.3	Hardware and Software Requirement	37 -38
4	IMPLEMENTATION	39 - 57
4.1	Introduction	39
4.2	Implementation	39 - 57

5	RESULT AND DISCUSSION	58 - 68
	5.1 Introduction	58
	5.2 Analysis Test Results	58
	5.2.1 Objective Achievement	59
	5.2.2 Test Result	60
	5.2.2.1 Black Box Testing	60 -61
	5.2.2.2 User Acceptance Testing	61 - 66
	5.3 Advantages	67
	5.2 Constraints	67
	5.3 Further Research	68
6	CONCLUSION	69
	REFERENCES	70

LIST OF TABLES

TABLE NO.	TITLE	PAGE
1	Advantage and Disadvantage HCI technique	25
2	Waterfall Phase	26
3	Hardware Requirements	37
4	Software Requirements	38
5	Black Box Testing	61

LIST OF FIGURES

FIGURE NO.	TITLE	PAGE
1	Main Page of MYTO	7
2	Search Result MYTO	8
3	Thesis Detail MYTO	9
4	Main Page Canada Theses	11
5	Basic Search Thesis Canada	12
6	Search Result Canada Theses	13
7	Thesis Details	14
8	Information for students	15
9	Information for university	16
10	Feedback and comments	17
11	MGUTHESES Main Page	19
12	Theses Search Result	20
13	Read Theses Online	21
14	Example Search Result Feedbacks	23
15	Example Breadcrumbs for sitemap	24
16	Waterfall Model	32
17	Use Case Diagram	34
18	Activity Diagram	35
19	Database Structure	40
20	Database connection code	41

21	Php code required database code	41
22	User Class	42
23	Required Classes	43
24	Login Form	44
25	Login Failed	44
26	Login Code	45
27	User Database	45
28	Submit Thesis Folder	46
29	Upload Thesis Form	47
30	Upload Success Feedback	47
31	Upload Code	48
32	Document Database Structure	48
33	Browse Thesis	49
34	List Theses by Chapter	50
35	Thesis Detail	50
36	Document Class	51
37	Calling Document Detail	52
38	Comment Form	53
39	Show Comment Code	54
40	Insert Comment Code	54
41	Comment Database	55
42	User panel	55
43	Student Mark	56
44	Select Mark from Database	56
45	Mark Database	57

LIST OF SYMBOLS

UMPTMS	- University Malaysia Pahang Thesis Management System
HCI	- Human Computer Interaction
PHP	- Hypertext Preprocessor

CHAPTER 1

INTRODUCTION

1.1 Introduction

UMP Thesis Management System (UMPTMS) is a web based management system for manage student thesis and make easier for students to submit their thesis to the supervisor. Supervisor can easily evaluate the student thesis everywhere, anytime's and anyplace in front of his laptop. Besides that, the system also will help the students to info about thesis, guide to make a thesis, thesis format and can get references in the system. Students can see a new announcement, new information regarding thesis on the system page.

Besides that, this system also has been included comment system where students and supervisor can see, can give comments and reply comments regarded of the student thesis. Through this comment, student also can take is as an advice to improve their thesis writing and make a better thesis and a better marks. This system also included mark system where supervisor can give marks to the student thesis and for students to see their marks on the thesis writing. Students can see how lecturer are evaluating their thesis and can improve their thesis writing in order to get an higher marks.

Other than that, to make an easier interaction between students and supervisor, this system has provided private message system where students can send message to their supervisor regarding problem that being face, for manage time for meet, to alert the supervisor about sending the thesis and so on. Besides supervisor, students and supervisor also can use the message to send message to other people in the system.

1.2 Problem Statement

University Malaysia Pahang did not have an official online system for thesis management system. UMP still using hardcopy system only and has a lot of disadvantage where it will use a lot of paper and will cost a lot of money and more importantly it will affect environment sustainability. Besides that, the hardcopy of the theses are only available in the library and Faculty. Students need to go to the library and faculty to search information and to get references. Because of hardcopy usages, it takes a lot of spaces to store the thesis and it will cost a lot of money.

Besides that, thesis book is heavy for lecturer to carry around and it will give difficulty for supervisor to take along the thesis with him for evaluation. Furthermore, supervisor may have busier times where they did not have time to be in their rooms for meet the students. It will make difficulty for them to tell the students what they need to do to improve their thesis writing and to get a better marks.

Other than that, there is a difficulty when students want to search the thesis for their references. Students need to search from a thousand of thesis and has to take out one by one the thesis in the library or faculty in order to see thesis title where it is located in front on thesis cover. Besides students, supervisor also has difficult times to search their student thesis.

1.2 Objectives

The objectives of this project are:

- i) To assist the students to submit their thesis to the supervisor by chapter and final.
- ii) To ease the users in referring the existing thesis that being provided in the system by the lecturer.
- iii) To assist the lecturers to marking student thesis in the system.
- iv) To assist the lecturers to update comments on student thesis during the reviewing process.

1.3 Scopes

a) Target User

i) Supervisor:

-Supervisor can react as manager that he/she can manage all thesis and user information.

ii) Student:

- Student can use the systems to upload their thesis, view lecturer's comments and marks, comments or looking for references. Users also can edit and update their own profiles.

b) Software

PHP language and MYSQL database will be used to develop the system. Microsoft Expression Web 2 will be use to design user interface.

c) Hardware

A personal computer or laptop which is connected to internet is needed to access this system.

1.5 Thesis Organization

Chapter 1: Introduction

The purpose of this chapter is to introduce to the readers about the project that will be developed later. This chapter contains introductions, problems statement, objective and scope of thesis organization.

Chapter 2: Literature Review

This chapter explains about the reviews for the chosen project. This chapter is divided into two sub reviews that require students to study to get complete information about the project.

Chapter 3: Methodology

The purpose of this chapter is to discuss the approach and framework for the project. Method, technique or approach that will be and will be used while designing and implementing the project will be included in the content. Justification and of method on approach used and hardware and software necessary is stated here.

Chapter 4: Implementation

This chapter acts to document all process that involve in the development of the project. Project design and project development are explained here. The content of this project depends on the system. It contains information of database and tools used. Data in database is shown in this chapter.

Chapter 5: Results and Discussion

The purpose of this system is to explain about the results and data analysis that had been acquired. Result analysis, project limitation and suggestions and project enhancement are contents for this chapter.

Chapter 6: Conclusion

This chapter explains briefly and summarizes the developed project.

CHAPTER 2

LITERATURE REVIEW:

Literature review refers on interview, book, journal and internet to get some information about this project to give a clearance perspective in developing for this project. This chapter will be discussed about overview of the manual system, study on the development tools and database management system. Its ultimate goal is to bring the reader up to date with current literature on a topic and forms the basis for another goal, such as the justification for future research.

2.1 Introduction

This chapter will review on the research made by the other researcher based on their own research or their writing in article, journal or any kind of resources that can give addition knowledge and information in order to build a good system based on the objective and problems stated in the previous chapter.

This included the research based on the existing system, technique to be used, and the kind of methodology for system development, and tools to be used during development process.

2.2 Existing System

Existing system will act as a references and a guideline to design UMP Thesis Management System. Advantage and disadvantage of existing system will be studied to propose a better system and make it friendly used.

Before the era of 90s, the thesis has been stored using hardcopy and being stored in library for the display and reference. This is before the computer or information technology is widely used. Hardcopy will cost a lot of money to print and to make a thesis books. Besides that it also will cost a lot of space and need a large storage for this. But, In the middle of 90s era, the rapid increasing in information technology has create an information access and retrieval innovations in supporting the phenomenon of information explosion worldwide.

The increasing of Internet Technology had lead to another big changes and progresses to access of thesis collections using the internet. UMP Thesis Management System is using internet access that suitable with the era. Because of it, systems that are similar concept with UMPTMS are being studied.

- i) Malaysia Thesis Online System (MYTO)
- ii) Canada Thesis
- iii) Mahatma Gandhi University Online Thesis Library (MGUTHESIS)

2.2.1 Malaysia Thesis Online System (MYTO)

MYTO is an electronic theses dissertation (ETD) initiative to manage the collection of theses and dissertations of public universities in Malaysia. MYTO was established at the end of 2005 to be a central repository of Malaysian theses and to share the collection of theses between academic libraries in Malaysia electronically. MYTO uses the open source approach to develop a retrieval system. [1]

At the main page of MYTO, there is only search module where user can choose to search by title or by authors. User also can choose to sort by title, author, faculty or year and choose whether descending or ascending results.

Malaysian Theses Online

PERPUN E-RESOURCES

Main Portal MyUniNet E-Resources v

MYTO SIMPLE SEARCH

Simple Search Advanced Search Browse by location

TITLE : Any of the words

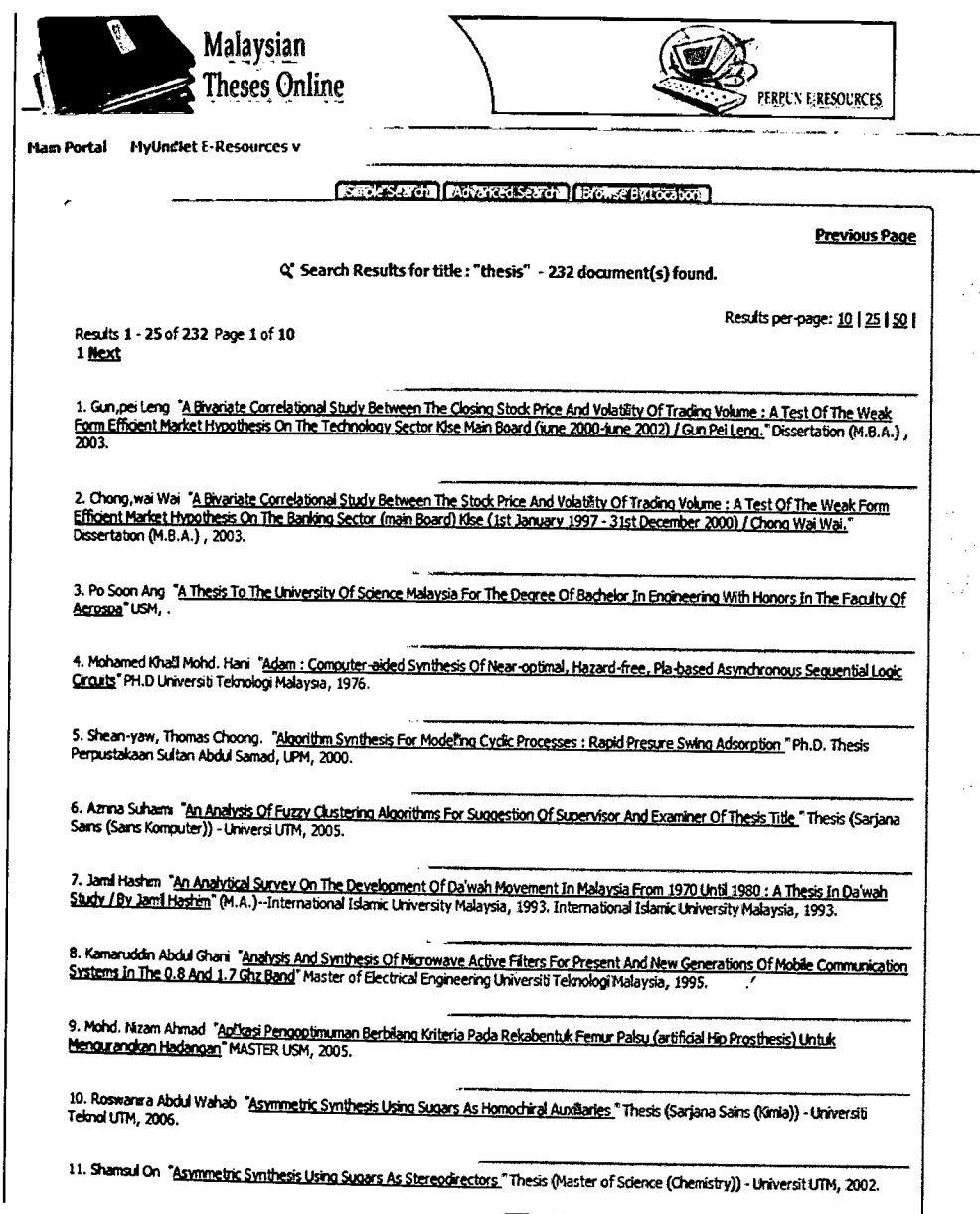
Sort by: TITLE Ascending Descending

Search

Copyright PERPUN © 2010 MYTO. All Rights Reserved. Webmaster

Figure 1: Main Page of MYTO.

After the main page, it will go to the search results where a list of thesis title, authors and years appear according to input that user has enter in main page. To get the details of thesis user need to click any thesis title that full fill user need. If the choice is not what the user want, user can choose either to try advance search or browse by location.



Malaysian Theses Online

PERPUSTAKAAN E-RESOURCES

Home Portal MyUninet E-Resources v

[Simple Search](#) [Advanced Search](#) [Browse by Location](#)

[Previous Page](#)

Q Search Results for title: "thesis" - 232 document(s) found.

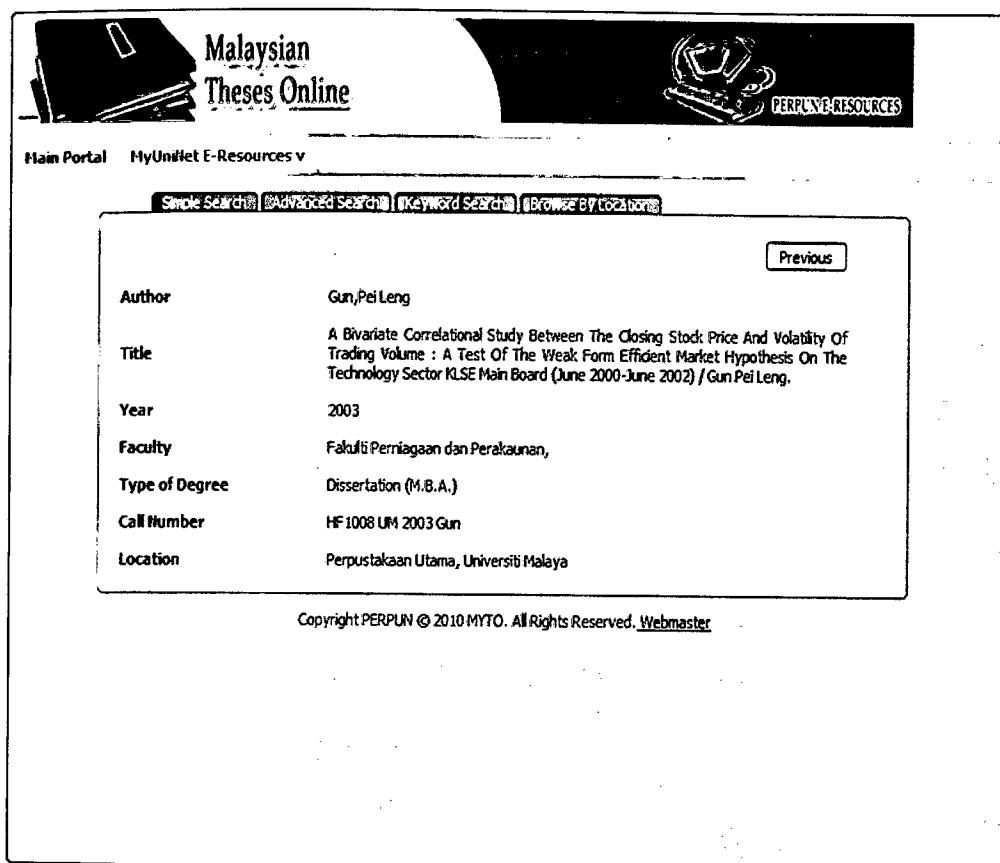
Results 1 - 25 of 232 Page 1 of 10 Results per-page: [10](#) | [25](#) | [50](#) |

[1 Next](#)

1. Gun,pei Leng "A Bivariate Correlational Study Between The Closing Stock Price And Volatility Of Trading Volume : A Test Of The Weak Form Efficient Market Hypothesis On The Technology Sector Kse Main Board (June 2000-June 2002) / Gun Pei Leng," Dissertation (M.B.A.) , 2003.
2. Chong,wai Wai "A Bivariate Correlational Study Between The Stock Price And Volatility Of Trading Volume : A Test Of The Weak Form Efficient Market Hypothesis On The Banking Sector (main Board) Kse (1st January 1997 - 31st December 2000) / Chong Wai Wai," Dissertation (M.B.A.) , 2003.
3. Po Soon Ang "A Thesis To The University Of Science Malaysia For The Degree Of Bachelor In Engineering With Honors In The Faculty Of Aerospace" USM, .
4. Mohamed Khalil Mohd. Hani "Adam : Computer-aided Synthesis Of Near-optimal, Hazard-free, Pla-based Asynchronous Sequential Logic Circuits" Ph.D Universiti Teknologi Malaysia, 1976.
5. Shean-yaw, Thomas Choong. "Algorithm Synthesis For Modeling Cyclic Processes : Rapid Pressure Swing Adsorption " Ph.D. Thesis Perpustakaan Sultan Abdul Samad, UPM, 2000.
6. Azma Suhami "An Analysis Of Fuzzy Clustering Algorithms For Suggestion Of Supervisor And Examiner Of Thesis Title " Thesis (Sarjana Sains (Sains Komputer)) - Universiti UTM, 2005.
7. Jamil Hashem "An Analytical Survey On The Development Of Da'wah Movement In Malaysia From 1970 Until 1980 : A Thesis In Da'wah Study / By Jamil Hashem " (M.A.)--International Islamic University Malaysia, 1993. International Islamic University Malaysia, 1993.
8. Kamaruddin Abdul Ghani "Analysis And Synthesis Of Microwave Active Filters For Present And New Generations Of Mobile Communication Systems In The 0.8 And 1.7 Ghz Band" Master of Electrical Engineering Universiti Teknologi Malaysia, 1995.
9. Mohd. Nizam Ahmad "Analisis Pengoptimuman Berbilang Kriteria Pada Rekabentuk Femur Palsu (artificial Hip Prosthesis) Untuk Menurunkan Hadangan" MASTER USM, 2005.
10. Roswanara Abdul Wahab "Asymmetric Synthesis Using Sugars As Homochiral Auxiliaries " Thesis (Sarjana Sains (Kimia)) - Universiti Teknikal UTM, 2006.
11. Shamsul On "Asymmetric Synthesis Using Sugars As Stereodirectors " Thesis (Master of Science (Chemistry)) - Universiti UTM, 2002.

Figure 2 Search Result MYTO

After user click the thesis title, a list of detailed about that thesis will appear such as Author name, thesis title, year of the thesis, which faculty that make the thesis, type of degree, call number, and location of the thesis.



The screenshot displays the 'Malaysian Theses Online' website interface. At the top, there is a header with the site's name and a logo for 'PERPUN-RESOURCES'. Below the header, a navigation bar includes links for 'Main Portal' and 'MyUninet E-Resources v'. A search bar is present with options for 'Simple Search', 'Advanced Search', 'Keyword Search', and 'Browse by Location'. The main content area features a 'Previous' button and a table of thesis details.

Author	Gun, Pei Leng
Title	A Bivariate Correlational Study Between The Closing Stock Price And Volatility Of Trading Volume : A Test Of The Weak Form Efficient Market Hypothesis On The Technology Sector KUSE Main Board (June 2000-June 2002) / Gun Pei Leng.
Year	2003
Faculty	Fakulti Perniagaan dan Perakaunan,
Type of Degree	Dissertation (M.B.A.)
Call Number	HF 1008 UM 2003 Gun
Location	Perpustakaan Utama, Universiti Malaya

At the bottom of the page, a copyright notice reads: 'Copyright PERPUN © 2010 MYTO. All Rights Reserved. Webmaster'.


Figure 3: Thesis Detail MYTO

2.2.2 Canada Thesis


Canada Thesis System is central access point for Canadian theses and information about the thesis Canada program. In this system, user can


- Search Canada's national online catalogue, for bibliographic records of all theses in Library and Archives Canada's theses collection, which was established in 1965; [9]
- Access and search the full text electronic versions of numerous Canadian theses and dissertations; [9]
- Find out everything you need to know about Theses Canada, including how to find a thesis, how their program works, information on copyright and much more. [9]

At the main page, user will view the portal of Canada Thesis. The main page tells user the introductions of the systems to user.


Library and Archives
Canada

Bibliothèque et Archives
Canada





Library and Archives Canada
www.collectionscanada.gc.ca

Français | Home | Contact Us | Help | Search | canada.gc.ca

Home > Literature > Theses Canada

Theses Canada

Search the Theses Collection

How to find a thesis

Information for Students

Information for Universities

About Theses Canada

Related Sites

Comments

Welcome to the Theses Canada Portal!

Introduction

This is your central access point for Canadian theses and information about the Theses Canada program. From here you will be able to:

- Search AMICUS, Canada's national online catalogue, for bibliographic records of all theses in Library and Archives Canada's theses collection, which was established in 1965;
- Access and search the full text electronic versions of numerous Canadian theses and dissertations;
- Find out everything you need to know about Theses Canada, including how to find a thesis, how our program works, information on copyright and much more.

The electronic theses and dissertations on this site are for the personal use of students, scholars and the public. Any commercial use, publication or lending of them in libraries is strictly prohibited.


What's New at Theses Canada?

LAC will switch to a digital model of theses and dissertations acquisitions in 2014.

[Read more](#)

See Also:

AMICUS



Proactive Disclosure

Social Tagging (About Social Tagging)

[Add to Delicious](#) [Add to Digg](#) [Add to Diigo](#) [Add to facebook](#) [Add to Technorati](#)

RSS RSS Feeds from LAC

Date Created: 2008-10-24
Date Modified: 2008-10-24

[Top of Page](#)

[Important Notices](#)

Figure 4 Main Page Canada Theses

In Canada Thesis there are search thesis collection menu. When user clicks that menu, search module will appear. User can choose to search all thesis or just electronic thesis. All thesis means search all thesis include the hardcopy thesis location. For electronic thesis, only search for thesis that in the database in softcopy. User can choose to search via name, title, authors and more options keyword to find the thesis.

The screenshot shows the 'Theses Canada' search page. At the top, there is a header with the Library and Archives Canada logo and name in both English and French, along with the website URL 'www.collectionscanada.gc.ca'. A navigation bar includes links for 'Français', 'Home', 'Contact Us', 'Help', 'Search', and 'canada.gc.ca'. The main content area is titled 'Theses Canada' and features a 'Basic Search' section. Under 'Your Selections', there are radio buttons for 'All theses' (selected) and 'Electronic theses'. Below this, a prompt asks the user to 'Select an index and enter your search term:'. There is a dropdown menu labeled 'Choose one' and two buttons, 'Submit' and 'Clear'. An 'OR' section follows, with a prompt to 'Search the full text of electronic theses:' and another 'Submit' and 'Clear' button pair. A left sidebar contains a list of links: 'Introduction', 'Search the Theses Collection', 'Basic Search', 'Advanced Search', 'Search Help', 'How to find a thesis', 'Information for Students', 'Information for Universities', 'About Theses Canada', and 'Related Sites'.

Figure 5 Basic Search Thesis Canada

After making search, a list of results will appear. User can sort the results or just search page per page. When user did not satisfy with the search, they can revise research, if satisfy click on the thesis name to open.

Introduction

Search the Theses Collection

Basic Search

Advanced Search

Search Help

How to find a thesis


Information for Students

Information for Universities

About Theses Canada

Related Sites

Comments



Proactive Disclosure

Theses Canada

Basic Search

Search

Results

[New Search](#) | [Revise Search](#) | [Your selections](#)

4000 Record(s) Found

Term(s) Searched: *Select One "thesis"*

Sort By: Unsorted Sort

Display Selections Clear Selections Save

[Next](#)

No.	Check	Search results
1	<input type="checkbox"/>	Goudar, Natasha. <i>Third World feminist perspectives on development, NGOs, the de-politicization of Palestinian women's movements and learning in struggle</i> [microform]. -- Ottawa : Library and Archives Canada = Bibliothèque et Archives Canada, 2010.
2	<input type="checkbox"/>	Mullins, Laura. <i>An analysis of the systemic aspects of rights training for people with intellectual disabilities</i> [microform]. -- Ottawa : Library and Archives Canada = Bibliothèque et Archives Canada, 2010.
3	<input type="checkbox"/>	Dieghelien, Hagop. <i>Synthesis of fluoroaryl functionalized organic-inorganic hybrid glasses for integrated optics</i> [microform]. -- Ottawa : Library and Archives Canada = Bibliothèque et Archives Canada, 2010.
4	<input type="checkbox"/>	Danbrook, Matthew C. <i>Preschool children with and without communication delays [microform]: the changes in their parents' report of challenging behaviour, parental hassles and family conflict over a two-year period.</i> -- Ottawa : Library and Archives Canada = Bibliothèque et Archives Canada, 2010.
5	<input type="checkbox"/>	Posavad, Jamie. <i>Acknowledging mother's lived experience of raising a child with autism [microform]: a phenomenological inquiry.</i> -- Ottawa : Library and Archives Canada = Bibliothèque et Archives Canada, 2010.
6	<input type="checkbox"/>	Matsumura, Lyndsey. <i>The journey towards comprehensive school health within an Aboriginal community</i> [microform]. -- Ottawa : Library and Archives Canada = Bibliothèque et Archives Canada, 2010.
7	<input type="checkbox"/>	Danielidou, Liana. <i>Predictors of prejudice perceptions and the role of group identification in international students</i> [microform]. -- Ottawa : Library and Archives Canada = Bibliothèque et Archives Canada, 2010.
8	<input type="checkbox"/>	Foy, Grant. <i>Win-Fov functional object-oriented programming language</i> [microform]. -- Ottawa : Library and Archives Canada = Bibliothèque et Archives Canada, 2010.
9	<input type="checkbox"/>	Deslauniers-Gauthier, Samuel. <i>Classification des pointes épileptiques en électro-magneto-encéphalographie</i> [microform]. -- Ottawa : Library and Archives Canada = Bibliothèque et Archives Canada, 2010.
10	<input type="checkbox"/>	Thibodeau, Eric. <i>Profiling and optimizing K-means algorithms in a Beowulf cluster environment</i> [microform]. -- Ottawa : Library and Archives Canada = Bibliothèque et Archives Canada, 2010.

[Next](#)

Display Selections Clear Selections Save

Figure 6 Search Result Canada Theses

After click on the thesis name, thesis details will appear with thesis location, name, title, publisher, and more the details about the thesis. If the thesis contains softcopy then the softcopy link location will show. When user clicks the link location, user can read thesis online or even download it.

The screenshot displays the Theses Canada website interface. On the left is a navigation menu with links: Introduction, Search the Theses Collection, Basic Search, Advanced Search, Search Help, How to find a thesis, Information for Students, Information for Universities, About Theses Canada, Related Sites, and Comments. Below the menu is the Theses Canada logo and a 'Proactive Disclosure' box. The main content area is titled 'Theses Canada' and shows search results for 'Wronski, Maciej'. It includes fields for NAME(S), TITLE(S), PUBLISHER, and NOTES. The title is 'Development of a Flat Panel Detector with Avalanche Gain for Interventional Radiology [electronic resource]'. The publisher is 'Toronto : University of Toronto, NO.R.'. The notes mention it's a thesis from the University of Toronto, includes bibliographical references, and is available in text/html and application/pdf formats. A 'STUDENT ABSTRACT' is also provided, describing the thesis content. At the top right, there's a 'Next' button. The bottom right corner has a vertical bar with a list of numbers.

Theses Canada

Basic Search

Search

Display Selection(s)

[New Search](#) | [Revise Search](#) | [Save](#) | [Your Selections](#)

[Next](#)

AMICUS No. 27949657

E-LOCATIONS: <http://hdl.handle.net/1807/19249>
<http://www.collectionscanada.ca/obj/thesescanada/vol2/OTU/TC-OTU-19249.pdf>
https://tspace.library.utoronto.ca/bitstream/1807/19249/1/Wronski_Matthew_M_2009_11_PhD_thesis.pdf

NAME(S): Wronski, Maciej

TITLE(S): Development of a Flat Panel Detector with Avalanche Gain for Interventional Radiology [electronic resource]

PUBLISHER: Toronto : University of Toronto, NO.R.

NOTES: Thesis (1)--University of Toronto, NO.R
 Includes bibliographical references.
 Type of computer file: text/html
 Type of computer file: application/pdf

STUDENT ABSTRACT: A number of interventional procedures such as cardiac catheterisation, angiography and the deployment of endovascular devices are routinely performed using x-ray fluoroscopy. To minimise the patients exposure to ionising radiation, each fluoroscopic

Theses Canada

Proactive Disclosure

Figure 7 Thesis Details

Canada thesis systems also include some information for students. Information that's students need to know such as Frequency ask question (FAQ) for students, about copyright issue, benefits from delivered thesis to Canada system and more. Students can find all the information there regarded thesis.